



Ascent™ Max

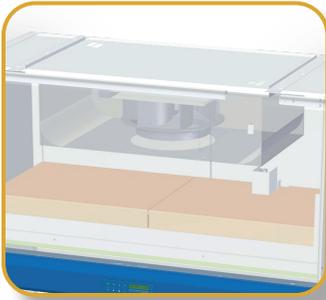
Containment Ventilated Enclosure

- *The Safe, Energy-Efficient, and Easy to Clean PEC*
- *For USP 800 Hazardous Non-Sterile Compounding*



Esco Ascent™ Max Containment Ventilated Enclosure

Provides Operator and Environment Protection



Centrifugal Fan

- *Permanently lubricated fans are energy efficient with external rotor motor design that reduces operating costs*
- *Extremely low noise and low vibration level*



Robust Hood Construction

- *Key components including LED lamps, motor capacitor, electrical harness, electronic ballast, and switch control are mounted outside the airstream and away from contaminated areas to permit easy service*



HEPA Filter

- *Diffusion technology to ensure even filter loading*
- *Efficient perimeter clamping ensures no leakage as well as allows easy filter change procedure*



Rear Walls

- *Electro galvanized steel wall for superior durability*



Work Top

- *Phenolic resin worktop*
- *Easy to clean, corrosion and chemical resistant makes it an ideal worktop for experiments*



Ascent™ Max Containment Ventilated Enclosure, Model ADC-4F2 (Shown with STA)



Sentinel™ Silver Microprocessor Control, Alarm System

- Advanced microprocessor control supervises operation of all hood functions. Temperature-compensated air velocity sensor monitors airflow. 24-hour clock and blower run hour meter are standard.

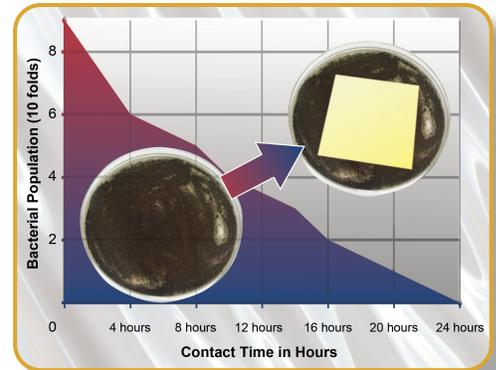
Hinged Polycarbonate Sash

- Allows easy access and easy cleaning



ISOCIDE™ Powder Coat

- Silver-ion impregnated powder coat
- Inhibit microbial growth to improve safety



Support Stand

- Made from durable material to support a maximum weight of 1102 - 1322 lbs



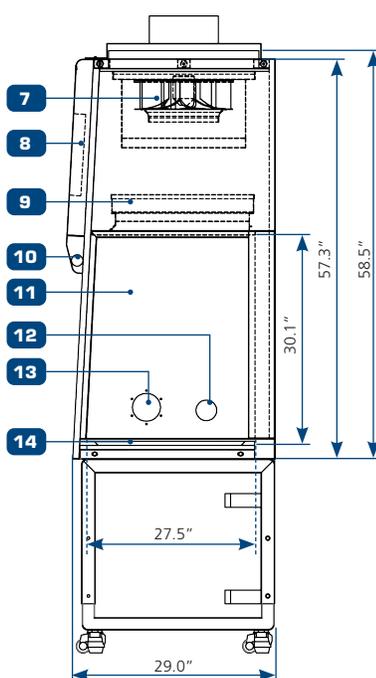
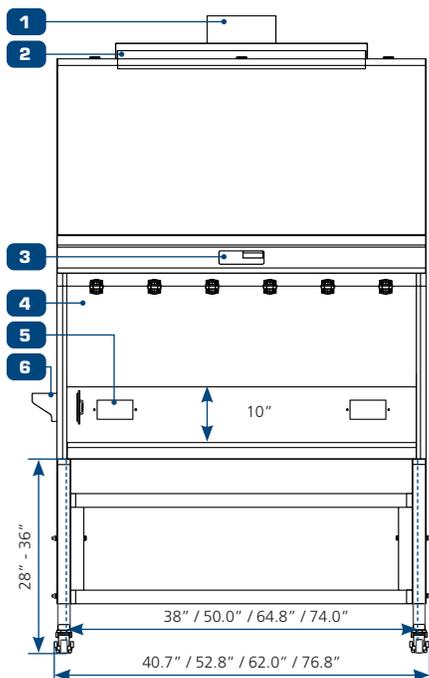
	Filtration	Electrical Safety
Standards Compliance	IEST-RP-CC001.3, USA IEST-RP-CC007, USA IEST-RP-CC034.1, USA	UL-61010-1, USA/Canada CAN/CSA-22.2, No.61010-1 EN-61010-1, Europe IEC61010-1, Worldwide

General Specifications, Ascent™ Max Containment Ventilated Enclosure

Model		ADC-3F2	ADC-4F2	ADC-5F2	ADC-6F2
External Dimensions (W x D x H)		40.7" x 29.0" x 58.5"	52.8" x 29.0" x 58.5"	64.8" x 29.0" x 58.5"	76.8" x 29.0" x 58.5"
Internal Work Area (W x D x H)		38.0" x 23.5" x 30.1"	50.0" x 23.5" x 30.1"	62.0" x 23.5" x 30.1"	74.0" x 23.5" x 30.1"
Filtration System	Primary Filter	HEPA filter, typical efficiency of >99.99% at 0.3 microns, removes particulates and aerosols			
	Secondary Filter	HEPA filter, typical efficiency of >99.99% at 0.3 microns, removes particulates and aerosols			
Exhaust Ducting		Optional Exhaust Collar with 10" diameter. Not included as standard item			
Inflow Air Velocity		Initial Setpoint: 80 fpm			
Air Volume		153 cfm	201 cfm	252 cfm	297 cfm
Sound Emission		62 dBA			
LED Light Intensity at Zero Ambient		>74 foot-candles			
Hood Construction	Main Body	0.05" 18 gauge electro-galvanized steel with white oven-baked epoxy-polyester Isocide™ antimicrobial powder coated finish			
	Side Walls	Polycarbonate			
	Work Top	Phenolic resin			
Net Weight*		529 lbs	556 lbs	597 lbs	782 lbs
Shipping Weight*		595 lbs	622 lbs	664 lbs	849 lbs
Shipping Dimensions, Maximum (W x D x H)*		44.1" x 33.5" x 77.2"	59.3" x 33.5" x 77.2"	67.7" x 33.5" x 77.2"	81.5" x 33.5" x 77.2"
Shipping Volume, Maximum*		66.0 cu.ft	88.3 cu.ft	100.9 cu.ft	121.5 cu.ft

* Hood only, excludes optional stand.

Engineering Drawing



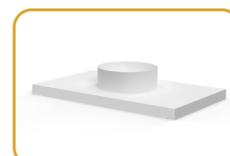
1. OPTIONAL exhaust collar with 10" diameter
2. Secondary HEPA filter
3. Esco Sentinel™ Silver Microprocessor
4. Hinged window
5. Electrical Outlet
6. Interchangeable stainless steel waste bag port
7. Blower

8. Electrical/ Electronics panel
9. Primary HEPA filter
10. LED lamp
11. Polycarbonate sides
12. Cable port
13. 4" Diameter waste chute
14. Phenolic resin worktop

Common Accessories



Ergonomic Lab Chair



Exhaust Collar



IQ OQ



Foot Rest



Seismic Bracket



STA Support Stand



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